

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045239.D
 Acq On : 08 Oct 2021 10:19
 Operator : SY/MD
 Sample : VV1008MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:30:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

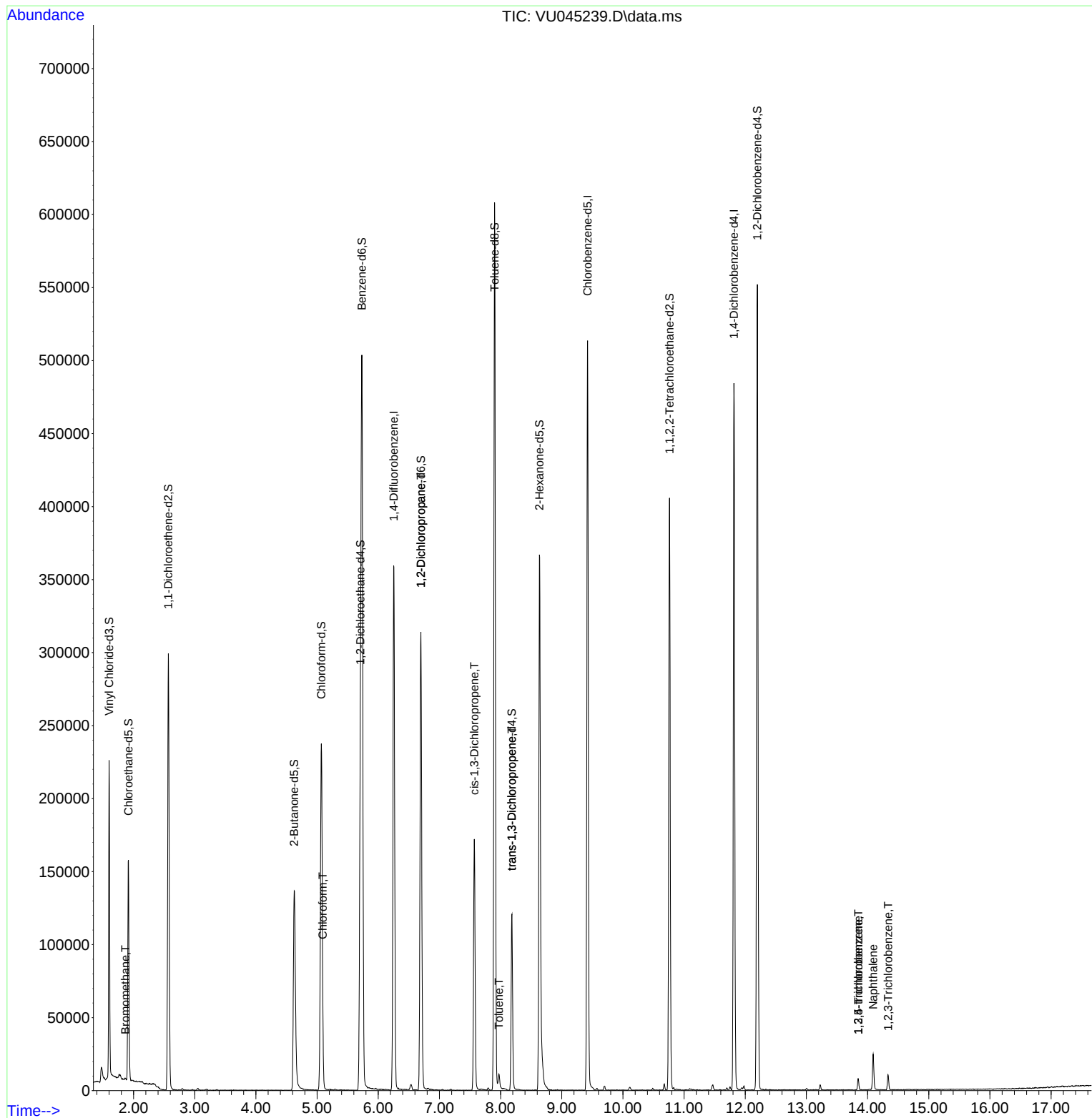
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	282156	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	271938	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	119110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	145256	47.027	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.060%		
7) Chloroethane-d5	1.916	69	114742	46.878	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.760%		
11) 1,1-Dichloroethene-d2	2.568	63	178807	34.471	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.940%		
21) 2-Butanone-d5	4.626	46	202776	83.040	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.040%		
24) Chloroform-d	5.070	84	213565	43.778	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.560%		
26) 1,2-Dichloroethane-d4	5.706	65	151115	45.731	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.460%		
32) Benzene-d6	5.732	84	452184	47.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.840%		
36) 1,2-Dichloropropane-d6	6.697	67	144713	47.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.060%		
41) Toluene-d8	7.902	98	392088	48.149	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.300%		
43) trans-1,3-Dichloroprop...	8.182	79	64898	47.417	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.840%		
47) 2-Hexanone-d5	8.636	63	134574	78.925	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.930%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	204950	42.777	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.560%		
66) 1,2-Dichlorobenzene-d4	12.198	152	133860	51.640	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.280%		
Target Compounds						Qvalue
6) Bromomethane	1.864	94	852	0.538	ug/L	99
25) Chloroform	5.092	83	3023	0.635	ug/L	82
37) 1,2-Dichloropropane	6.697	63	15836	5.767	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4191	1.067	ug/L #	61
42) Toluene	7.973	91	6876	0.671	ug/L	98
44) trans-1,3-Dichloropropene	8.182	75	3090	0.827	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.848	180	2834	1.014	ug/L	94
70) 1,2,4-trichlorobenzene	13.848	180	2834	1.220	ug/L	94
71) Naphthalene	14.092	128	20371	2.530	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	3315	1.395	ug/L	98

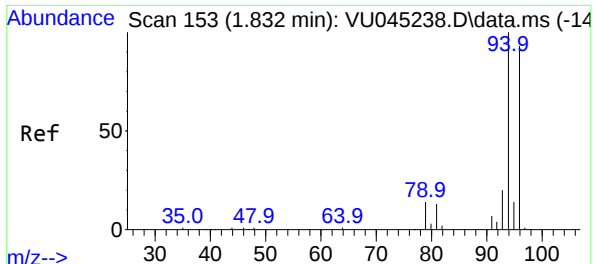
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 09 05:30:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration

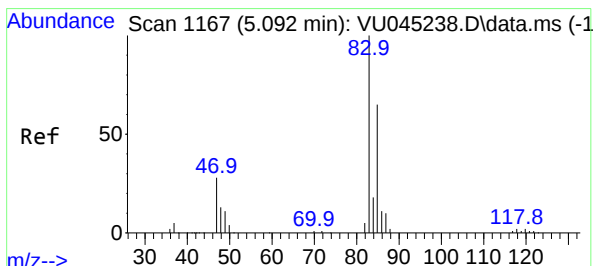
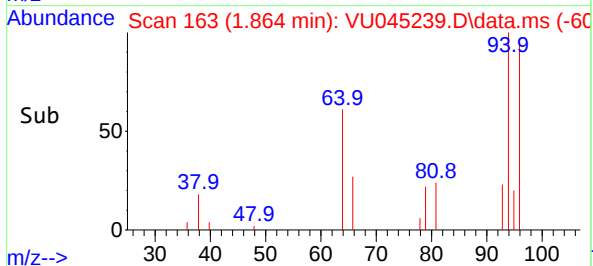
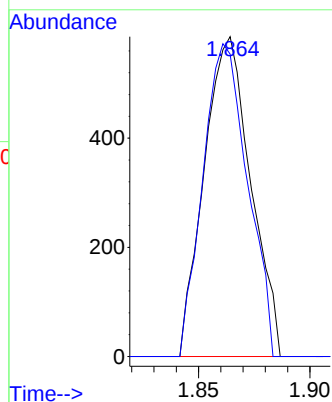
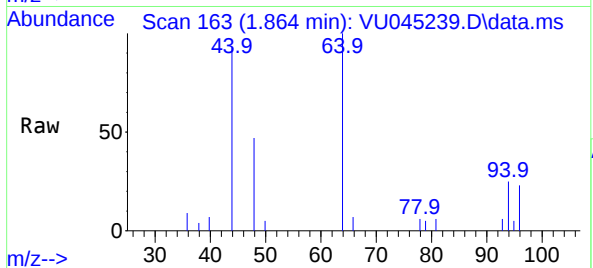




#6
Bromomethane
Concen: 0.538 ug/L
RT: 1.864 min Scan# 163
Delta R.T. 0.032 min
Lab File: VU045239.D
Acq: 08 Oct 2021 10:19

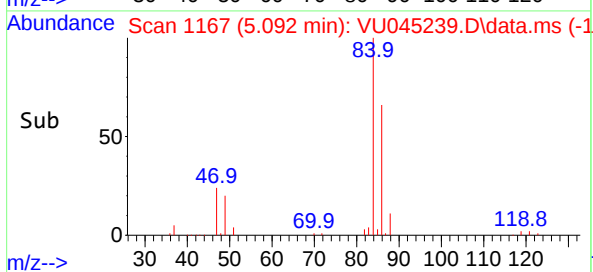
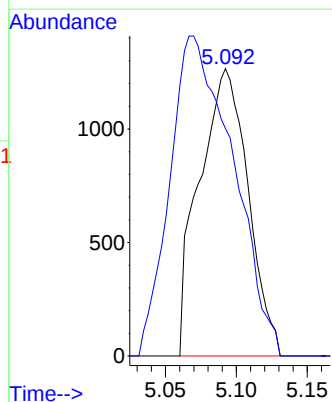
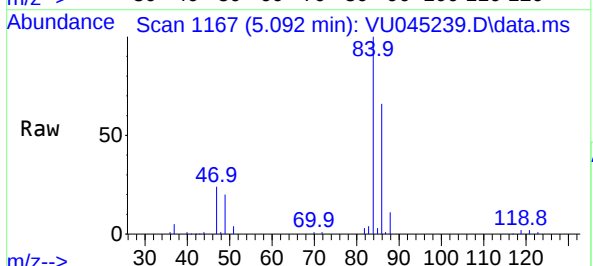
Instrument :
MSVOA_U
ClientSampled :

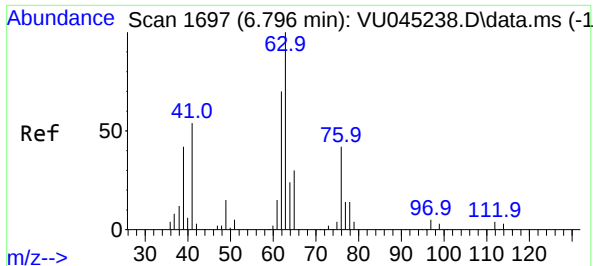
Tgt Ion: 94 Resp: 852
Ion Ratio Lower Upper
94 100
96 94.5 65.7 121.9



#25
Chloroform
Concen: 0.635 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045239.D
Acq: 08 Oct 2021 10:19

Tgt Ion: 83 Resp: 3023
Ion Ratio Lower Upper
83 100
85 79.1 45.6 84.6

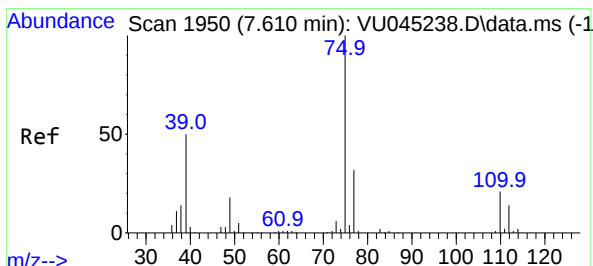
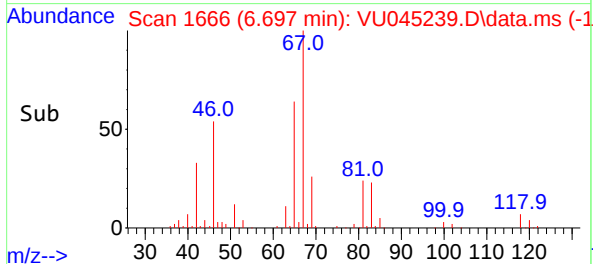
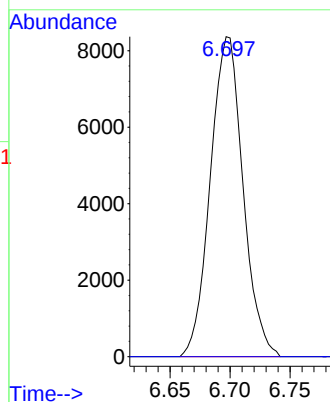
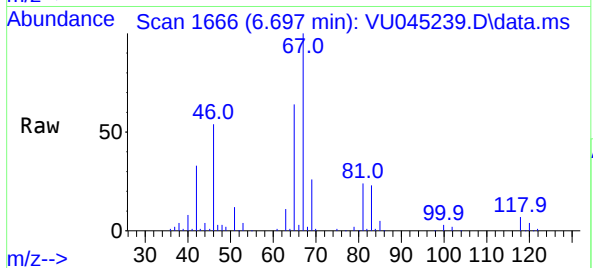




#37
1,2-Dichloropropane
Concen: 5.767 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045239.D
Acq: 08 Oct 2021 10:19

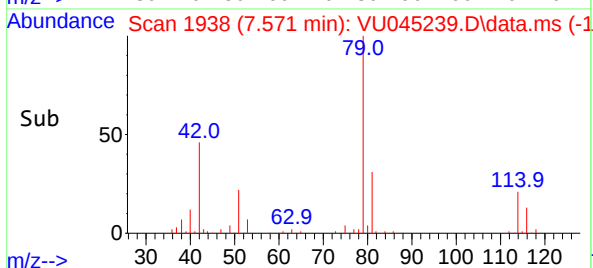
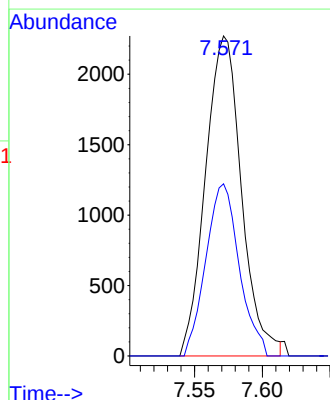
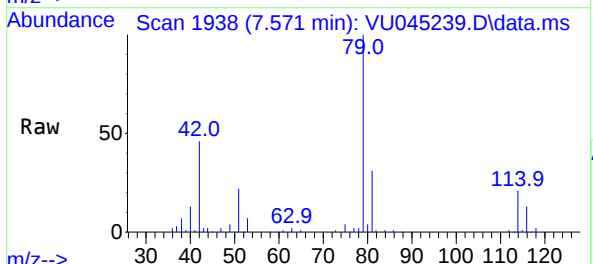
Instrument :
MSVOA_U
ClientSampled :

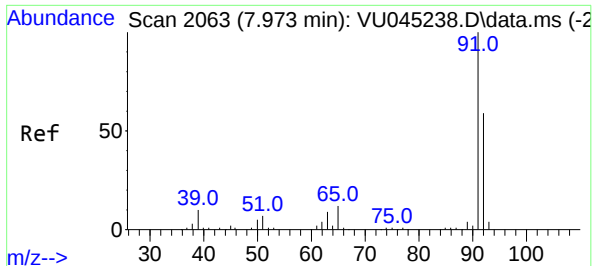
Tgt Ion: 63 Resp: 15836
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 1.067 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU045239.D
Acq: 08 Oct 2021 10:19

Tgt Ion: 75 Resp: 4191
Ion Ratio Lower Upper
75 100
77 53.8 22.4 41.6#





#42

Toluene

Concen: 0.671 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045239.D

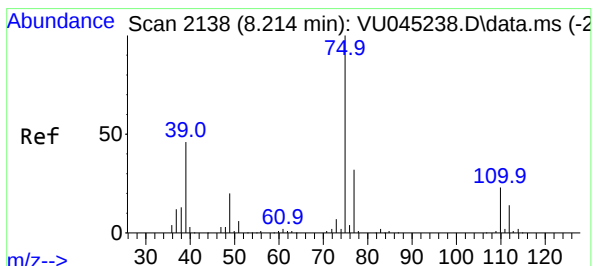
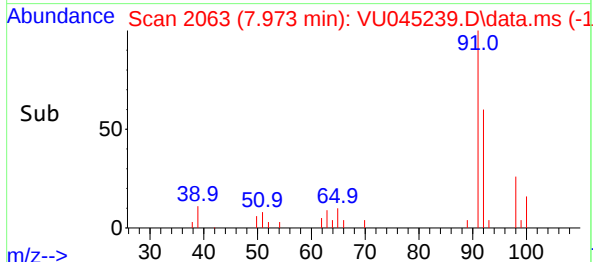
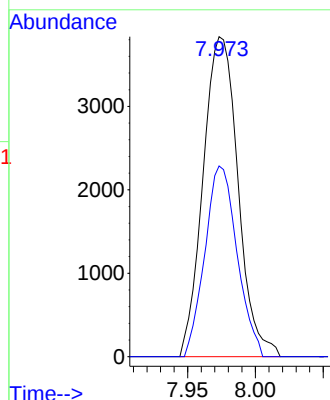
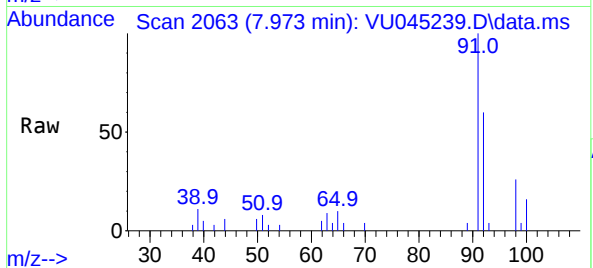
Acq: 08 Oct 2021 10:19

Tgt Ion: 91 Resp: 6876

Ion Ratio Lower Upper

91 100

92 59.6 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 0.827 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU045239.D

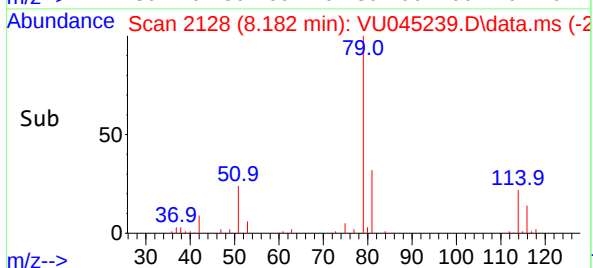
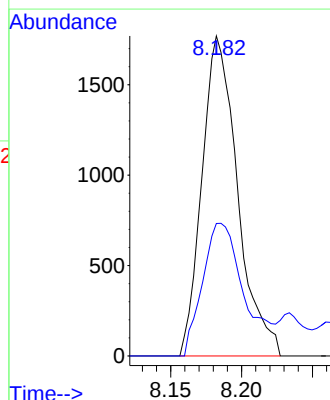
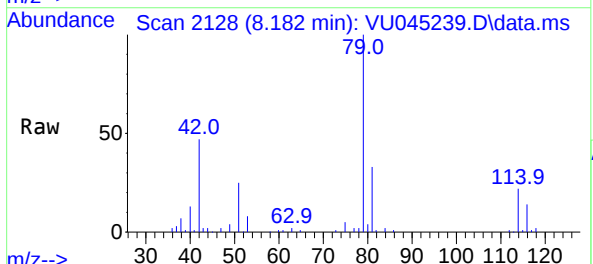
Acq: 08 Oct 2021 10:19

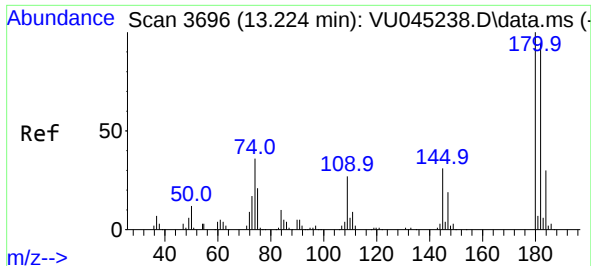
Tgt Ion: 75 Resp: 3090

Ion Ratio Lower Upper

75 100

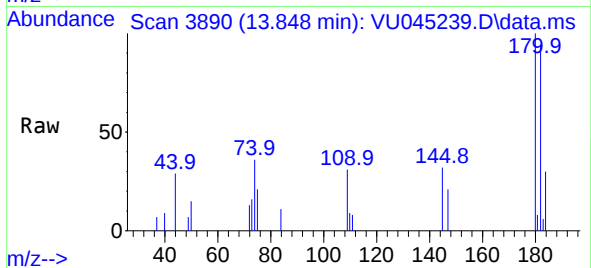
77 41.4 21.7 40.3#



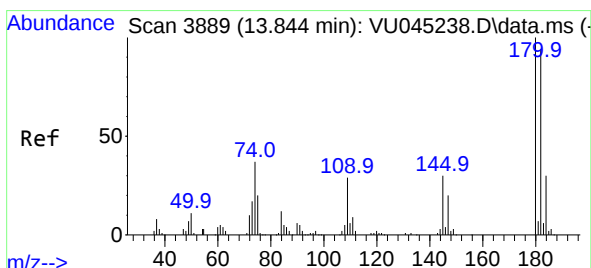
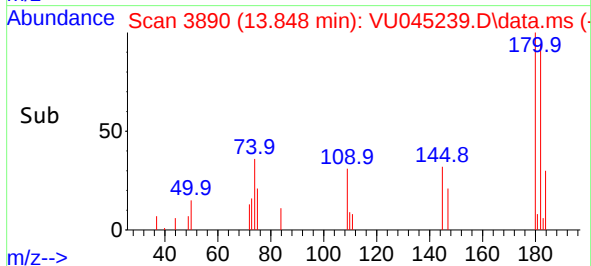
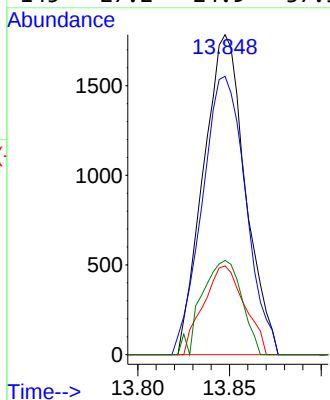


#69
1,3,5-Trichlorobenzene
Concen: 1.014 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.624 min
Lab File: VU045239.D
Acq: 08 Oct 2021 10:19

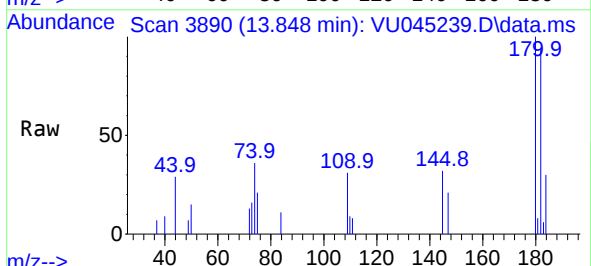
Instrument :
MSVOA_U
ClientSampled :



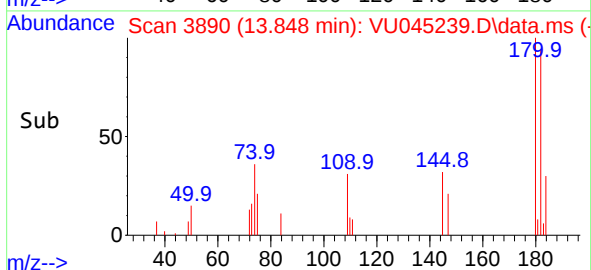
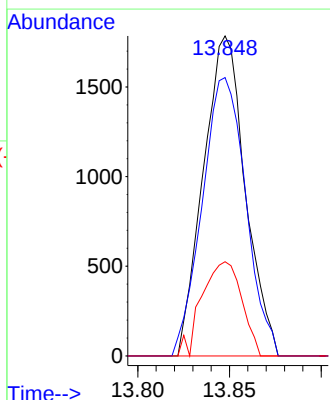
Tgt Ion:180 Resp: 2834
Ion Ratio Lower Upper
180 100
182 90.5 76.8 115.2
184 27.1 24.4 36.6
145 27.2 24.9 37.3

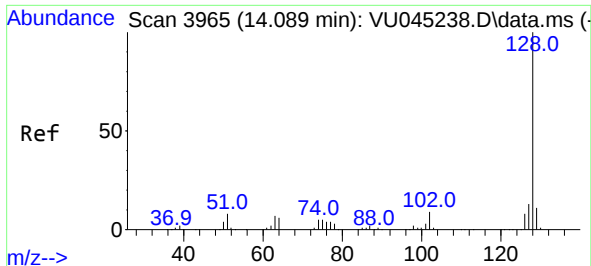


#70
1,2,4-trichlorobenzene
Concen: 1.220 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU045239.D
Acq: 08 Oct 2021 10:19



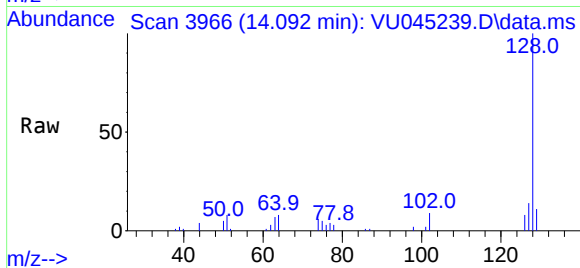
Tgt Ion:180 Resp: 2834
Ion Ratio Lower Upper
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182 90.5 76.2 114.2
145 27.2 25.4 38.0



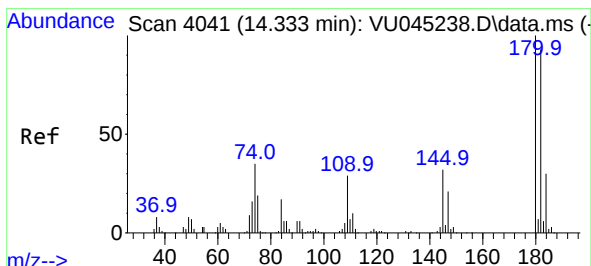
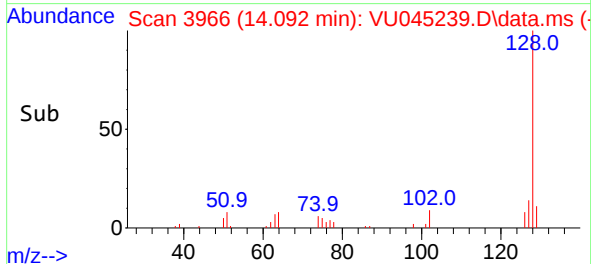
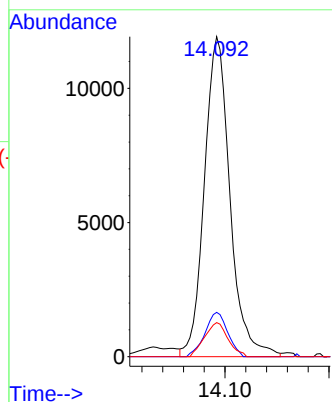


#71
Naphthalene
Concen: 2.530 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045239.D
Acq: 08 Oct 2021 10:19

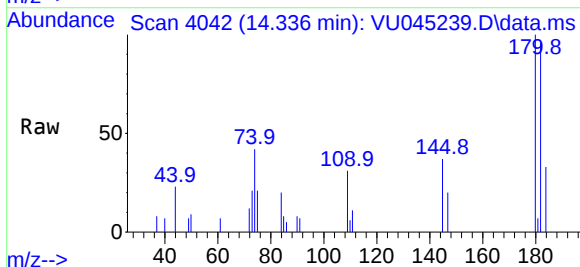
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:128 Resp: 20371
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 9.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 1.395 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045239.D
Acq: 08 Oct 2021 10:19



Tgt Ion:180 Resp: 3315
Ion Ratio Lower Upper
180 100
182 97.9 76.8 115.2
145 33.7 26.5 39.7

